

REMARKS

Pages 6 and 9 of the specification were revised to correct typographical errors.

New main claims 3 and 6 emphasize not only the reception of data by the antenna having the greater received signal strength, but also the transmission of data by the other, non-selected antenna.

Thus, claim 3 recites that the switching circuit has two modes. In an antenna evaluation mode, as shown in FIG. 1, both antennas 10, 11 are simultaneously connected to the I and Q receive channels for selection of one of the antennas having the greater received signal strength. In an operating mode, as shown in either Fig. 2 or Fig. 3, the selected antenna (e.g., 11 in Fig. 2) is connected to the I and Q receive channels, while the other, non-selected antenna (e.g., 10 in Fig. 2) is connected to the I and Q transmit channels.

U.S. Patent Application Publication No. 2002/0004375 to Spencer teaches the selection of one of two antennas 102a, b in an antenna diversity receiver, but does not teach that either of these antennas, let alone the non-selected antenna, can be operated as a transmitter.

Paragraph 0023 states that during receiver operation, the first switch 532 and the second switch 534 are both positioned in the “up” position to enable only antenna 102a to receive signals. Also, when the switches 532, 534 are both positioned in the “down” position, only the antenna 102b is enabled to receive signals. As for the unused antenna, paragraph 0025 states that it is “switched off during data reception, thereby minimizing receiver power consumption”.

By contrast, applicants’ unused antenna is not switched off, but instead is used to transmit data. For example, data on the I and Q transmit channels is fed to power amplifier 27 and,

in turn, to the non-selected antenna (10 in Fig. 2). This feature is not taught in, or suggested by Spencer.

Wherefore, a favorable action is earnestly solicited.

Respectfully submitted,

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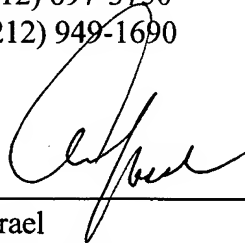
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